

TEWO

RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/804,762

TIME: 12:46:57

Input Set : A:\A-72186.ST25.txt

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3 <110> APPLICANT: Qi, Yan
        Zhang, Xianghua
        Konigsberg, Paula
7 <120> TITLE OF INVENTION: Specific Inhibition of Allorejection
9 <130> FILE REFERENCE: A-72186/TAL/DCF (471702-00005)
11 <140> CURRENT APPLICATION NUMBER: US 10/804,762
12 <141> CURRENT FILING DATE: 2004-03-19
14 <150> PRIOR APPLICATION NUMBER: US 60/456,378
15 <151> PRIOR FILING DATE: 2003-03-19
                                                          ENTERED
17 <160> NUMBER OF SEQ ID NOS: 32
19 <170> SOFTWARE: PatentIn version 3.2
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22 <211> LENGTH: 235
23 <212> TYPE: PRT
24 <213 > ORGANISM: Homo sapiens
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40 Asn Pro Thr Ser Gly Cys Ser Trp Leu Phe Gln Pro Arg Gly Ala Ala
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44 Ala Ser Pro Thr Phe Leu Leu Tyr Leu Ser Gln Asn Lys Pro Lys Ala
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48 Ala Glu Gly Leu Asp Thr Gln Arg Phe Ser Gly Lys Arg Leu Gly Asp
49
                   85
52 Thr Phe Val Leu Thr Leu Ser Asp Phe Arg Arg Glu Asn Glu Gly Tyr
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56 Tyr Phe Cys Ser Ala Leu Ser Asn Ser Ile Met Tyr Phe Ser His Phe
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64 Pro Pro Thr Pro Ala Pro Thr Ile Ala Ser Gln Pro Leu Ser Leu Arg
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68 Pro Glu Ala Cys Arg Pro Ala Ala Gly Gly Ala Val His Thr Arg Gly
                  165
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72 Leu Asp Phe Ala Cys Asp Ile Tyr Ile Trp Ala Pro Leu Ala Gly Thr
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76 Cys Gly Val Leu Leu Ser Leu Val Ile Thr Leu Tyr Cys Asn His
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98 typecttace agtgacegee ttgeteetge egetggeett getgeteeae geegeeagge
                                                                     180
100 cgagccagtt ccgggtgtcg ccgctggatc ggacctggaa cctgggcgag acagtggagc
                                                                      240
                                                                      300
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104 gcggcgccgc cgccagtccc accttcctcc tatacctctc ccaaaacaag cccaaggcgg
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106 ccgaggggct ggacacccag cggttctcgg gcaagaggtt gggggacacc ttcgtcctca
108 ccctgagcga cttccgccga gagaacgagg gctactattt ctgctcggcc ctgagcaact
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110 ccatcatqta cttcaqccac ttcqtgccgg tcttcctgcc agcgaagccc accacgacgc
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120 tggtcaaatc gggagacaag cccagccttt cggcgagata cgtctaaccc tgtgcaacag
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122 ccactacatt acttcaaact gagateette ettttgaggg ageaagteet teeettteat
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126 gtgggaaaga ttacttttc tttatgtgtt tgacgggaaa caaaactagg taaaatctac
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154 caactagcag atacagggat gaggcagacc tgactctctt aaggaggctg agagcccaaa
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156 ctgctgtccc aaacatgcac ttccttgctt aaggtatggt acaagcaatg cctgcccatt
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158 qqagagaaaa aacttaagta gataaggaaa taagaaccac tcataattct tcaccttagg
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160 aataatetee tgttaatatg gtgtacatte tteetgatta ttttetacae atacatgtaa
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162 aatatgtett tetttttaa atagggttgt actatgetgt tatgagtgge tttaatgaat
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Input Set : A:\A-72186.ST25.txt

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	182	His	Ala	Ala	Arg	Pro	Ser	Gln	Phe	Arg	Val	Ser	Pro	Leu	Asp	Arg	Thr	
	183				20			_	_	25				_	30			
		Trp	Asn		Gly	Glu	Thr	Val		Leu	Lys	Cys	Gln		Leu	Leu	Ser	
	187	Δen	Pro	35 Thr	Ser	G1 v	Cve	Ser	40 Trn	T.e.11	Dhe	Gln	Pro	45 Ara	Glv	Ala	Δla	
	191	ASII	50	1111	DCI	Gry	Cys	55	тър	пец	FIIC	GIII	60	mg	Cly	1114	7114	
		Ala		Pro	Thr	Phe	Leu	Leu	Tyr	Leu	Ser	Gln	Asn	Lys	Pro	Lys	Ala	
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	199	ml	Dl	77-7	T	85	T	C	7 ~~	Db -	90	7	a 1	7 ~~	C1.,	95	Mr rac	
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	211		130		_		_	135			_	~ 7	140	_	_		_	
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	219	FIO	Giu	Aια	СУБ	165	110	nια	mu	Oly	170	7114	O _T y	11011	**** 9	175	11129	
		Val	Cys	Lys	Cys		Arg	Pro	Val	Val	Lys	Ser	Gly	Asp	Lys	Pro	Ser	
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																	gegee	600 660
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272	gagacagett gateaaagge					gc a	acacagcaag tcagggttgg					agcagtagct			ggagggacct		1140
274	tgtctcccag ctcagggctc					tc t	ttcc	tcca	c ac	accattcagg			tctttctttc			gcccct	1200
276	gtctcagggt gaggtgcttg					tg a	gtct	ccaa	c gg	ggcaagggaa			caagtacttc			tacctg	1260
278	ggatactgtg cccagagcct						gagg	aggta	a at	atgaattaaa			gaagagaact			ttggca	1320
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										taaccctgga							
284	aaa	gaaaa	atc	tata	t.gaaa	ac c	ccta	tata	ന കുന	acaa	aatt	act	ctcc	cad	ccct	tgcatt	1500
286	gca	aaaa	aac .	ccat	gaaa	aa d	gada	aget:	a cc	octt.	taca	22+	2022	+++	asaa.	ataaat	1560
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																aaaaaa	
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				D NO													2130
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		ת דת	717	λνα	_	Cor	C1 n	Dho	7\ ~~		0.000	Dana	т	7	15 Arg	m\	
321	птъ	Ата	Ата	20	PIO	ser	GIII	Pne	25	val	ser	PIO	ьeu		Arg	Thr	
	Trn	λan	LON		C1.,	Thr	. 77 1	C1.,		Trra	Crra	01 5	77m 7	30	Leu	0	
325	тгр	ASII	35	Gry	GIU	TIIL	vai		пеп	ьуѕ	Cys	GIII		ьeu	ьeu	ser	
	70	D		0	a 1	G	0	40	T	73 1.	~ 1	_	45	~ 7			
	Asn		THE	ser	GIY	Cys		Trp	ьeu	Pne	GIn		Arg	GLY	Ala	Ala	
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344	Tyr	Phe	Cys	Ser	Ala	Leu	Ser	Asn	Ser	Ile	Met	Tyr	Phe	Ser	His	Phe	
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349		130				- 3	135			3	1	140				~, 5	
	Asn		Tvr	Tle	Trn	د [∆		T.e.u	ΔΊ=	G] v	Th r		G1 17	Tro T	Leu	Lou	
	145	110	-1-	220	P	150	110	படிய	лта	GIY		CYS	GTÅ	vaı	ьeu		
		Com	Tou	₹ <i>1</i> ¬ 1	T1.		т	m	α- ·	70	155					160	
	ьeu	per	ьeu	val		1111	ьeu	ryr	cys		HIS	Arg	Asn	Arg	Arg	arg	
357	77 7	C .	T	a.	165	3 -	_			170	_			_	175	_	
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378 ctgaagtgcc aggtgctgct gtccaacccg acgtctggct gctcctggct cttccagccg
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380 cgtggcgccg ccgccagtcc caccttcctc ctatacctct cccaaaacaa gcccaaggcg
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382 gccgaggggc tggacaccca gcggttctcg ggcaagaggt tgggggacac cttcgtcctc
                                                                           300
384 accetgageg actteegeeg ggagaaegaa ggetaetatt tetgetegge eetgageaae
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386 tecateatgt aetteageea ettegtgeeg gtetteetge eagtgeacae gagggggetg
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418 Trp Leu Phe Gln Asn Ser Ser Ser Lys Leu Pro Gln Pro Thr Phe Val
419 65
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422 Val Tyr Met Ala Ser Ser His Asn Lys Ile Thr Trp Asp Glu Lys Leu
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426 Asn Ser Ser Lys Leu Phe Ser Ala Met Arg Asp Thr Asn Asn Lys Tyr
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430 Val Leu Thr Leu Asn Lys Phe Ser Lys Glu Asn Glu Gly Tyr Tyr Phe
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442 Pro Ser Pro Val His Pro Thr Gly Thr Ser Gln Pro Gln Arg Pro Glu
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446 Asp Cys Arg Pro Arg Gly Ser Val Lys Gly Thr Gly Leu Asp Phe Ala
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VERIFICATION SUMMARY

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